

FIG.2 - 200 INITIALIZE TRANSCODERS BY RESETTING THEIR ACCUMULATED COMPLEXITY VALUE=0 -210 CAPTURE A SAMPLE OF DATA FROM EACH INPUT CHANNEL 220 DETERMINE A COMPLEXITY MEASURE FOR EACH CHANNEL BASED ON ITS SAMPLE -230 ASSIGN AN UNASSIGNED CHANNEL WHOSE COMPLEXITY IS THE HIGHEST AMONG ALL UNASSIGNED CHANNELS TO A TRANSCODER THAT HAS THE LOWEST ACCUMULATED COMPLEXITY - 240 NO WILL TRANSCODER BE OVERLOADED BY THE ASSIGNED CHANNELS YES 250 USE TRANSCODER WITH NEXT LOWEST ACCUMULATED COMPLEXITY -260 INCREMENT THE ACCUMULATED COMPLEXITY OF THE TRANSCODER BY THE ASSIGNED CHANNEL'S COMPLEXITY - 270 NO ALL CHANNELS ASSIGNED TO A TRANSCODER? YES 280 WAIT UNTIL NEXT RECONFIGURATION